

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-14. (Canceled)

15. (Currently Amended) A single-piece type intraocular lens obtained by shape processing a material formed by integrally molding an optic portion forming material and a support portion forming material, comprising a stepped part provided in a boundary between the optic portion and the support portion of the posterior surface of the lens so as to be arranged in such a way that the surface of a part shifting to a region of the support portion from the region of the optic portion suddenly shifts in a direction of an anterior surface of the lens, wherein

the optic portion and an edge part located in a region of the optic portion of the stepped part are made of a soft acrylic material,

the support portion is made of ~~PMMA~~, and PMMA and serves as arm-shaped support members extended toward outside from parts of a peripheral edge of the optic portion, and

there is no step on the anterior surface of the lens in the boundary between the optic portion and the support portion.

16. (Previously Presented) The single-piece type intraocular lens according to claim 15, wherein the stepped part has the edge part which is formed in a part of the optic portion side of the boundary part shifting to the support portion from the optic portion, having a stepped face connecting from the edge part to the support portion serving as a wall face nearly in parallel to the optical axis of the optic portion.

17. (Previously Presented) The single-piece type intraocular lens according to claim 16, wherein the stepped part has a step difference with height of 0.05mm or more.

18. (Canceled)

19. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein the surface of the posterior surface of the optic portion near the edge part is formed in a surface substantially orthogonal to the optical axis.

20. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein the surface of the posterior surface of the optic portion near the edge part is formed so as to rise toward the edge part in a posterior direction.

21. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein a part of the stepped face closer to the support portion is formed into an acute angle so as to be inclined in a direction of the optical axis closely to the center of the optical axis.

22. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein a part of the stepped face closer to the support portion is formed into an obtuse angle so as to be slightly inclined in a direction of the optical axis in a direction opposite to the center of the optical axis.

23. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein a curved surface is formed in a part of the stepped face closer to the support portion.

24. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein the stepped face is formed into a concavo-convex face.

25-32. (Canceled)

33. (Previously Presented) The single-piece type intraocular lens according to claim 17, wherein the optical surface of the posterior surface of the optic portion is formed into a convex shape.

34. (Previously Presented) A manufacturing method of the single-piece type intraocular lens for manufacturing the single-piece type intraocular lens according to claim 17, comprising:

preparing a raw material formed by integrally molding the optic portion forming material and the support portion forming material;

cutting the raw material, thereby forming a curved surface shape of the optical surfaces of both sides of the anterior surface and the posterior surface of the optic portion, and a front surface shape of the support portion located on both sides of the anterior surface and the posterior surface of the optic portion;

next, grooving a part where the stepped part is estimated to be formed, thereby forming a surface serving as a stepped face; and

next, forming by cutting a contour shape excepting the anterior surface and posterior surface of the optic portion, and the contour shape excepting the surface shape located on both sides of the anterior surface and posterior surface of the optic portion of the support portion.